



IFWO

RAW SEQUENCE LISTING

DATE: 10/01/2004

PATENT APPLICATION: US/10/800,487

TIME: 10:53:18

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.
 4 McSwiggen, James
 6 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Intercellular
 Adhesion
 7 Molecule (ICAM) Gene Expression Using Short Interfering Nucleic
 8 Acid (siNA)
 10 <130> FILE REFERENCE: 400/148 (MBHB04-218)
 12 <140> CURRENT APPLICATION NUMBER: US 10/800,487
 13 <141> CURRENT FILING DATE: 2004-03-15
 15 <150> PRIOR APPLICATION NUMBER: US 10/757,803
 16 <151> PRIOR FILING DATE: 2004-01-15
 18 <150> PRIOR APPLICATION NUMBER: US 10/720,448
 19 <151> PRIOR FILING DATE: 2003-11-24
 21 <150> PRIOR APPLICATION NUMBER: US 10/693,059
 22 <151> PRIOR FILING DATE: 2003-10-23
 24 <150> PRIOR APPLICATION NUMBER: US 10/444,853
 25 <151> PRIOR FILING DATE: 2003-05-23
 27 <150> PRIOR APPLICATION NUMBER: US 10/427,160
 28 <151> PRIOR FILING DATE: 2003-04-30
 30 <150> PRIOR APPLICATION NUMBER: PCT/US03/05346
 31 <151> PRIOR FILING DATE: 2003-02-20
 33 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028
 34 <151> PRIOR FILING DATE: 2003-02-20
 36 <150> PRIOR APPLICATION NUMBER: US 60/358,580
 37 <151> PRIOR FILING DATE: 2002-02-20
 39 <150> PRIOR APPLICATION NUMBER: US 60/363,124
 40 <151> PRIOR FILING DATE: 2002-03-11
 42 <150> PRIOR APPLICATION NUMBER: US 60/386,782
 43 <151> PRIOR FILING DATE: 2002-06-06
 45 <150> PRIOR APPLICATION NUMBER: US 60/406,784
 46 <151> PRIOR FILING DATE: 2002-08-29
 48 <150> PRIOR APPLICATION NUMBER: US 60/408,378
 49 <151> PRIOR FILING DATE: 2002-09-05
 51 <150> PRIOR APPLICATION NUMBER: US 60/409,293
 52 <151> PRIOR FILING DATE: 2002-09-09
 54 <150> PRIOR APPLICATION NUMBER: US 60/440,129
 55 <151> PRIOR FILING DATE: 2003-01-15
 57 <150> PRIOR APPLICATION NUMBER: PCT/US02/15876
 58 <151> PRIOR FILING DATE: 2002-05-17
 60 <160> NUMBER OF SEQ ID NOS: 438
 62 <170> SOFTWARE: PatentIn version 3.3
 64 <210> SEQ ID NO: 1
 65 <211> LENGTH: 19
 66 <212> TYPE: RNA

(pg. 10-12)

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/800,487

DATE: 10/01/2004

TIME: 10:53:18

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

```

67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
72 <400> SEQUENCE: 1
73 gccccagucg acgcugagc 19
76 <210> SEQ ID NO: 2
77 <211> LENGTH: 19
78 <212> TYPE: RNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
84 <400> SEQUENCE: 2
85 cuccucugcu acucagagu 19
88 <210> SEQ ID NO: 3
89 <211> LENGTH: 19
90 <212> TYPE: RNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
96 <400> SEQUENCE: 3
97 uugcaaccuc agccucgcu 19
100 <210> SEQ ID NO: 4
101 <211> LENGTH: 19
102 <212> TYPE: RNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
108 <400> SEQUENCE: 4
109 uauggcuccc agcagcccc 19
112 <210> SEQ ID NO: 5
113 <211> LENGTH: 19
114 <212> TYPE: RNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
120 <400> SEQUENCE: 5
121 ccggcccgcg cugcccgca 19
124 <210> SEQ ID NO: 6
125 <211> LENGTH: 19
126 <212> TYPE: RNA
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
132 <400> SEQUENCE: 6
133 acuccugguc cugcucggg 19
136 <210> SEQ ID NO: 7
137 <211> LENGTH: 19

```

138 <212> TYPE: RNA

139 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

DATE: 10/01/2004

PATENT APPLICATION: US/10/800,487

TIME: 10:53:18

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

```

141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
144 <400> SEQUENCE: 7
145 ggcucuguuc ccaggaccu 19
148 <210> SEQ ID NO: 8
149 <211> LENGTH: 19
150 <212> TYPE: RNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
156 <400> SEQUENCE: 8
157 uggcaaugcc cagacaucu 19
160 <210> SEQ ID NO: 9
161 <211> LENGTH: 19
162 <212> TYPE: RNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
168 <400> SEQUENCE: 9
169 uguguccccc ucaaaaguc 19
172 <210> SEQ ID NO: 10
173 <211> LENGTH: 19
174 <212> TYPE: RNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
180 <400> SEQUENCE: 10
181 cauccugccc cggggaggc 19
184 <210> SEQ ID NO: 11
185 <211> LENGTH: 19
186 <212> TYPE: RNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
192 <400> SEQUENCE: 11
193 cuccgugcug gugacaugc 19
196 <210> SEQ ID NO: 12
197 <211> LENGTH: 19
198 <212> TYPE: RNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
204 <400> SEQUENCE: 12
205 cagcaccucc ugugaccag 19
208 <210> SEQ ID NO: 13
209 <211> LENGTH: 19
210 <212> TYPE: RNA

```

211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 10/01/2004

PATENT APPLICATION: US/10/800,487

TIME: 10:53:18

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

214 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

216 <400> SEQUENCE: 13

217 gcccaaguug uugggcaua 19

220 <210> SEQ ID NO: 14

221 <211> LENGTH: 19

222 <212> TYPE: RNA

223 <213> ORGANISM: Artificial Sequence

225 <220> FEATURE:

226 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

228 <400> SEQUENCE: 14

229 agagacccccg uggccuaaa 19

232 <210> SEQ ID NO: 15

233 <211> LENGTH: 19

234 <212> TYPE: RNA

235 <213> ORGANISM: Artificial Sequence

237 <220> FEATURE:

238 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

240 <400> SEQUENCE: 15

241 aaaggaguug cuccugccu 19

244 <210> SEQ ID NO: 16

245 <211> LENGTH: 19

246 <212> TYPE: RNA

247 <213> ORGANISM: Artificial Sequence

249 <220> FEATURE:

250 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

252 <400> SEQUENCE: 16

253 uggaacaac cggaaggug 19

256 <210> SEQ ID NO: 17

257 <211> LENGTH: 19

258 <212> TYPE: RNA

259 <213> ORGANISM: Artificial Sequence

261 <220> FEATURE:

262 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

264 <400> SEQUENCE: 17

265 guaagaacug agcaaugug 19

268 <210> SEQ ID NO: 18

269 <211> LENGTH: 19

270 <212> TYPE: RNA

271 <213> ORGANISM: Artificial Sequence

273 <220> FEATURE:

274 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region

276 <400> SEQUENCE: 18

277 gcaagaagau agccaacca 19

280 <210> SEQ ID NO: 19

281 <211> LENGTH: 19

282 <212> TYPE: RNA

283 <213> ORGANISM: Artificial Sequence

285 <220> FEATURE:

286 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/800,487

DATE: 10/01/2004

TIME: 10:53:18

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

```

288 <400> SEQUENCE: 19
289 aaugugcuau ucaaacugc                                     19
292 <210> SEQ ID NO: 20
293 <211> LENGTH: 19
294 <212> TYPE: RNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
300 <400> SEQUENCE: 20
301 ccugauggg cagucaaca                                     19
304 <210> SEQ ID NO: 21
305 <211> LENGTH: 19
306 <212> TYPE: RNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
312 <400> SEQUENCE: 21
313 agcuaaaacc uuccucacc                                     19
316 <210> SEQ ID NO: 22
317 <211> LENGTH: 19
318 <212> TYPE: RNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
324 <400> SEQUENCE: 22
325 cguguacugg acuccagaa                                     19
328 <210> SEQ ID NO: 23
329 <211> LENGTH: 19
330 <212> TYPE: RNA
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
336 <400> SEQUENCE: 23
337 acggguggaa cuggcaccc                                     19
340 <210> SEQ ID NO: 24
341 <211> LENGTH: 19
342 <212> TYPE: RNA
343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:
346 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
348 <400> SEQUENCE: 24
349 ccuccccucu uggcagcca                                     19
352 <210> SEQ ID NO: 25
353 <211> LENGTH: 19
354 <212> TYPE: RNA
355 <213> ORGANISM: Artificial Sequence
357 <220> FEATURE:
358 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA

```


sense region

360 <400> SEQUENCE: 25

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 10/01/2004

PATENT APPLICATION: US/10/800,487

TIME: 10:53:19

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:341; N Pos. 20,21
Seq#:342; N Pos. 20,21
Seq#:343; N Pos. 20,21
Seq#:344; N Pos. 20,21
Seq#:345; N Pos. 20,21
Seq#:346; N Pos. 20,21
Seq#:347; N Pos. 20,21
Seq#:348; N Pos. 20,21
Seq#:349; N Pos. 20,21
Seq#:350; N Pos. 20,21
Seq#:351; N Pos. 20,21
Seq#:352; N Pos. 20,21
Seq#:353; N Pos. 20,21
Seq#:354; N Pos. 20,21
Seq#:355; N Pos. 20,21
Seq#:356; N Pos. 20,21
Seq#:357; N Pos. 20,21
Seq#:358; N Pos. 20,21
Seq#:359; N Pos. 20,21
Seq#:360; N Pos. 20,21
Seq#:361; N Pos. 20,21
Seq#:362; N Pos. 20,21
Seq#:363; N Pos. 20,21
Seq#:364; N Pos. 20,21
Seq#:365; N Pos. 20,21
Seq#:366; N Pos. 20,21
Seq#:367; N Pos. 20,21
Seq#:368; N Pos. 20,21
Seq#:369; N Pos. 20,21
Seq#:370; N Pos. 20,21
Seq#:371; N Pos. 20,21
Seq#:372; N Pos. 20,21
Seq#:373; N Pos. 20,21
Seq#:374; N Pos. 20,21
Seq#:375; N Pos. 20,21
Seq#:376; N Pos. 20,21
Seq#:377; N Pos. 20,21
Seq#:378; N Pos. 20,21
Seq#:379; N Pos. 20,21
Seq#:380; N Pos. 20,21
Seq#:381; N Pos. 20,21
Seq#:382; N Pos. 20,21
Seq#:383; N Pos. 20,21
Seq#:384; N Pos. 20,21

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 10/01/2004

PATENT APPLICATION: US/10/800,487

TIME: 10:53:19

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

Seq#:385; N Pos. 20,21
Seq#:386; N Pos. 20,21
Seq#:387; N Pos. 20,21
Seq#:388; N Pos. 20,21
Seq#:389; N Pos. 20,21
Seq#:390; N Pos. 20,21
Seq#:391; N Pos. 20,21
Seq#:392; N Pos. 20,21
Seq#:393; N Pos. 20,21
Seq#:394; N Pos. 20,21
Seq#:395; N Pos. 20,21
Seq#:396; N Pos. 20,21
Seq#:397; N Pos. 20,21
Seq#:398; N Pos. 20,21
Seq#:399; N Pos. 20,21
Seq#:400; N Pos. 20,21
Seq#:401; N Pos. 20,21
Seq#:402; N Pos. 20,21
Seq#:403; N Pos. 20,21
Seq#:404; N Pos. 20,21
Seq#:405; N Pos. 20,21
Seq#:406; N Pos. 20,21
Seq#:407; N Pos. 20,21
Seq#:408; N Pos. 20,21
Seq#:409; N Pos. 20,21
Seq#:410; N Pos. 20,21
Seq#:411; N Pos. 20,21
Seq#:412; N Pos. 20,21
Seq#:413; N Pos. 20,21
Seq#:414; N Pos. 20,21
Seq#:415; N Pos. 20,21
Seq#:416; N Pos. 20,21
Seq#:417; N Pos. 20,21
Seq#:418; N Pos. 20,21
Seq#:419; N Pos. 20,21
Seq#:420; N Pos. 20,21
Seq#:421; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:422; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:423; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:424; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:425; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:426; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:427; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:428; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:429; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:430; N Pos. 20,21
Seq#:431; N Pos. 20,21
Seq#:432; N Pos. 20,21
Seq#:433; N Pos. 20,21

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 10/01/2004

PATENT APPLICATION: US/10/800,487

TIME: 10:53:19

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

Seq#:434; N Pos. 20,21

Seq#:435; N Pos. 20,21

Seq#:436; N Pos. 20,21

Seq#:437; N Pos. 20,21

Seq#:438; N Pos. 20,21

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/800,487

DATE: 10/01/2004

TIME: 10:53:19

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

L:4159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:341 after pos.:0
L:4177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:342 after pos.:0
L:4195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:343 after pos.:0
L:4213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:344 after pos.:0
L:4231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:345 after pos.:0
L:4249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:346 after pos.:0
L:4267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:347 after pos.:0
L:4285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:348 after pos.:0
L:4303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:349 after pos.:0
L:4321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:350 after pos.:0
L:4339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:351 after pos.:0
L:4357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:352 after pos.:0
L:4375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:353 after pos.:0
L:4393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:354 after pos.:0
L:4411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:355 after pos.:0
L:4429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:356 after pos.:0
L:4482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:357 after pos.:0
L:4535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:358 after pos.:0
L:4593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:359 after pos.:0
L:4631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:360 after pos.:0
L:4684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:361 after pos.:0
L:4737 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:362 after pos.:0
L:4790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:363 after pos.:0
L:4853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:364 after pos.:0
L:4906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:365 after pos.:0
L:4954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:366 after pos.:0
L:5007 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:367 after pos.:0
L:5045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:368 after pos.:0
L:5088 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:369 after pos.:0
L:5141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:370 after pos.:0
L:5189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:371 after pos.:0
L:5242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:372 after pos.:0
L:5325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:373 after pos.:0
L:5403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:374 after pos.:0
L:5491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:375 after pos.:0
L:5544 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:376 after pos.:0
L:5617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:377 after pos.:0
L:5700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:378 after pos.:0
L:5778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:379 after pos.:0
L:5871 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:380 after pos.:0
L:5949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:381 after pos.:0
L:6022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:382 after pos.:0
L:6105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:383 after pos.:0
L:6153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:384 after pos.:0
L:6221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:385 after pos.:0
L:6299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:386 after pos.:0
L:6372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:387 after pos.:0
L:6460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:388 after pos.:0

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/800,487

DATE: 10/01/2004

TIME: 10:53:19

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

L:6543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:389 after pos.:0
L:6621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:390 after pos.:0
L:6709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:391 after pos.:0
L:6762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:392 after pos.:0
L:6835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:393 after pos.:0
L:6918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:394 after pos.:0
L:6996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:395 after pos.:0
L:7089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:396 after pos.:0
L:7167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:397 after pos.:0
L:7240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:398 after pos.:0
L:7323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:399 after pos.:0
L:7371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:400 after pos.:0
L:7439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:401 after pos.:0
L:7517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:402 after pos.:0
L:7590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:403 after pos.:0
L:7678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:404 after pos.:0
L:7706 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:405 after pos.:0
L:7734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406 after pos.:0
L:7762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:407 after pos.:0
L:7790 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:408 after pos.:0
L:7818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:409 after pos.:0
L:7846 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:410 after pos.:0
L:7874 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:411 after pos.:0
L:7902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:412 after pos.:0
L:7925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:413 after pos.:0
L:7948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:414 after pos.:0
L:7971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:415 after pos.:0
L:7994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:416 after pos.:0
L:8017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:417 after pos.:0
L:8040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:418 after pos.:0
L:8063 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:419 after pos.:0
L:8086 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:420 after pos.:0
L:8113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:421 after pos.:0
L:8140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:422 after pos.:0
L:8168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:423 after pos.:0
L:8201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:424 after pos.:0
L:8234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:425 after pos.:0
L:8267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:426 after pos.:0
L:8300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:427 after pos.:0
L:8333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:428 after pos.:0
L:8366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:429 after pos.:0
L:8393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:430 after pos.:0
L:8420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:431 after pos.:0
L:8492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:432 after pos.:0
L:8569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:433 after pos.:0
L:8621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:434 after pos.:0
L:8673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:435 after pos.:0
L:8750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:436 after pos.:0
L:8802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:437 after pos.:0

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/800,487

DATE: 10/01/2004

TIME: 10:53:19

Input Set : D:\400.148 US Sequence Listing.ST25.txt

Output Set: N:\CRF4\10012004\J800487.raw

L:8879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:438 after pos.:0